

**SKU: DC-FPBC-6BK-ETL**

## CAT6 FTP CMP

LAN CABLE TEST TO 550MHz  
Part No.: LX6AF101P-ETL  
ETL FILE No.: 5011596  
Version No.: 03 (2020.08.20)

**Packaging available**

- 1000ft reel

**Jacket colours**

## CONSTRUCTION

### CENTER CONDUCTOR

Material:

Solid Bare Copper

Size:

23AWG 0.022"(0.57±0.006mm)

### INSULATION

Material:

FEP

OD:

0.0394"(1.00±0.05mm)

Color Code of four pairs:

Brown \* White / Brown

Blue \* White / Blue

Orange \* White / Orange

Green \* White / Green

### TAPE:

PET(20/0.025mm)

### DRAIN WIRE:

24AWG Solid Tinned Copper

### SHIELD"

Aluminum / Poly Tape

100% coverage with 25% overlapping

### RIPCORD

Kevlar

### SEPARATOR

LSZH CROSSWEB

**RoHS**

Issue Date: October '11

Revision: 4

**JACKET**

Material:	CMP-PVC
Nominal Thickness:	0.0197" (0.50mm)
OD:	0.291"±0.012"(7.4±0.3mm)

**MARKINGS**

TBD

**ELECTRICAL & PHYSICAL PROPERTIES**

Temperature Rating:	-20°C ~ +80°C
Voltage:	30V
Capacitance:	5.6nF/100m.Nom
Characteristic Impedance:	1-100MHz, 100±15%; 101-250Mhz, 100±22%; 250-500MHz, 100±25%
Velocity of propagation:	≥67%
DCR: Conductor:	9.38 Ohms/100m.Nom
D.C Resistance Unbalance:	≤5%

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<b>FREQ MHZ</b> Max	<b>ATT</b> (dB/100m)	<b>NEXT</b> (dB)	<b>ACRF</b> (dB)	<b>PS- NEXT</b> (dB/)	<b>PS. ACRF</b> (dB/)	<b>RL</b> (dB/)	<b>DELAY</b> (ns/100m)	<b>SKEW</b> (ns/100m)
1	2.0	74.3	67.8	72.3	64.8	20.0	570	45
4	3.8	65.3	55.8	63.3	52.8	23.0	552	
8	5.3	60.8	49.7	58.8	46.7	24.5	547	
10	6.0	59.3	47.8	57.3	44.8	25.0	545	
16	7.6	56.2	43.7	54.2	40.7	25.0	543	
20	8.5	54.8	41.8	52.8	38.8	25.0	542	
25	9.5	53.3	39.8	51.3	36.8	24.3	541	
31.25	10.7	51.9	37.9	49.9	34.9	23.6	540	
62.50	15.4	47.4	31.9	45.4	28.9	21.5	539	
100	19.8	44.3	27.8	42.3	24.8	20.1	538	
200	29.0	39.8	21.8	37.8	18.8	18.0	537	
250	32.8	38.3	19.8	36.3	16.8	17.3	536	
300	36.4	37.1	18.3	35.1	15.3	16.8	536	
350	39.8	36.1	16.9	34.1	13.9	16.3	536	
400	43.0	35.5	15.8	33.3	12.8	15.9	536	
500	48.9	33.8	13.8	31.8	10.8	15.2	536	


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